

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) Footwear incorporating an illumination system, said footwear comprising:
 - a sole including light transmitting material;
 - a translucent sole insert including at least one a first illumination device within the sole, the first illumination device being configured to provide capable of providing externally visible light of a first color;
 - a second illumination device within the sole, the second illumination device being configured to provide light of a second color;
 - a control processor capable of altering the visual characteristics of configured to blend said externally visible light provided by said first and second illumination-device devices to provide light of a third color that is visible outside of the sole; and[.,]
 - a power source for providing power to said first and second illumination-device devices and said control processor.
2. (Currently amended) The footwear of claim 1 wherein one of said first and second illumination-device devices is a light emitting diode ("LED").
3. (Original) The footwear of claim 2 wherein said power source is a battery.
4. (Currently amended) The footwear of claim 3 wherein said sole further includes mirror material located behind said translucent sole insert first and second illumination devices for reflecting said externally visual light provided by said first and second illumination devices through said translucent sole insert.

5. (Currently amended) The footwear of claim 3 further including an effect device in said translucent sole insert.

6. (Currently amended) Footwear incorporating an illumination system, said footwear comprising:

a sole including light transmitting material;

a translucent sole insert including a sole-a first illumination device within the sole, the first illumination device being configured to provide capable of providing externally visible light of a first color;

a second illumination device within the sole, the second illumination device being configured to provide light of a second color;

a heel including light transmitting material;

a U-shaped translucent heel insert including at least one heel-a third illumination device within the heel, the third illumination device being configured to provide capable of providing externally visible light of a third color;

a fourth illumination device within the heel, the fourth illumination device being configured to provide light of a fourth color; and

a control processor capable of altering the visual characteristics of said externally visible light provided by said sole illumination device and said heel illumination device; and,

a power source for providing power to said sole illumination device, said heel illumination device and said control processor first, second, third, and fourth illumination devices,

wherein, the first color may be the same as the third color, the second color may be the same as the fourth color, and an outer surface of the sole is configured to blend light provided by said first and second illumination devices to provide light of a fifth color that is visible outside of the sole, and an outer surface of the heel is configured to blend light provided by said third and fourth illumination devices to provide light of a sixth color that is visible outside of the heel.

7. (Currently amended) The footwear of claim 6 wherein one of said first and second illumination device devices is a light emitting diode ("LED").
8. (Original) The footwear of claim 7 wherein said power source is a battery.
9. (Currently amended) The footwear of claim 8 wherein said sole further includes mirror material located behind said ~~translucent sole insert~~ first and second illumination devices for reflecting said externally visual light provided by said first and second illumination devices through said ~~translucent sole insert~~.
10. (Currently amended) The footwear of claim 9 wherein said heel further includes mirror material located behind said ~~translucent heel insert~~ third and fourth illumination devices for reflecting said externally visual light provided by said third and fourth illumination devices through said ~~translucent heel insert~~.
11. (Currently amended) The footwear of claim 8 further including an effect device in said ~~translucent sole insert~~.
12. (Currently amended) Footwear incorporating an audio/visual system, said footwear comprising:
 - a sole including light transmitting material;
 - a translucent sole insert including at least one a first illumination device within the sole, the first illumination device being configured to provide capable of providing externally visible light of a first color;
 - a second illumination device within the sole, the second illumination device being configured to provide light of a second color;
 - a speaker;
 - an audio/visual control processor capable of altering the visual characteristics of configured to blend said externally visible light provided by said first and second illumination

~~device~~ devices to provide light of a third color that is visible outside of the sole, and[[,]] capable of generating configured to generate an audio signal displayed by said speaker; and[[,]]

a power source for providing power to said first and second illumination device devices and said audio/visual control processor.

13. (Original) The footwear of claim 12 further comprising a pressure switch located in said sole for activating said audio signal when pressure is exerted on said pressure switch by a wearer of said footwear.

14. (Original) The footwear of claim 13 wherein said audio/visual control processor is comprised of a microprocessor and programmable read-memory ("PROM").

15. (Currently amended) Footwear incorporating an interactive illumination system, said footwear comprising:

a sole including light transmitting material;

a translucent sole insert including at least one-a first illumination device within the sole,
the first illumination device being configured to provide capable of providing externally visible
light of a first color;

a second illumination device within the sole, the second illumination device being
configured to provide light of a second color;

at least one sensor located in said sole for sensing information about [[the]] a physical state of a wearer;

a sensor control unit for processing said information about the physical state of said wearer;

a control processor ~~capable of altering the visual characteristics of~~ configured to blend said ~~externally visible~~ light provided by said first and second illumination device devices to provide light of a third color that is visible outside of the sole in response to the physical state of said wearer; and[[,]]

a power source for providing power to said first and second illumination device devices, said sensor control unit and said control processor.

16. (Original) The footwear of claim 15 wherein said sensor is a pulse monitor.
17. (Original) The footwear of claim 15 wherein said sensor is a temperature monitor.
18. (Currently amended) The footwear of claim 15 further comprising:
 - a heel including light transmitting material;
 - ~~a translucent heel insert including at least one a third illumination device within the heel, the third illumination device being configured to provide capable of providing externally visible light of a fourth color;~~
 - ~~a fourth illumination device within the heel, the fourth illumination device being configured to provide light of a fifth color; and~~
 - at least one sensor located in said heel for sensing information about the physical state of a wearer,
 - wherein said control processor is configured to blend light provided by said third and fourth illumination devices to provide light of a sixth color that is visible outside of the heel.
19. (Original) The footwear of claim 18 wherein said sensor is a pulse monitor.
20. (Original) The footwear of claim 18 wherein said sensor is a temperature monitor.
21. (New) The footwear of claim 18 wherein said sensor is a motion sensor.
22. (New) The footwear of claim 12 further comprising a motion sensing device for activating said audio signal when said motion sensing device is moved by a wearer of said footwear.
23. (New) The footwear of claim 1 further comprising a third illumination device within the sole, wherein the third illumination device is configured to provide light of a fourth color, and wherein the control processor is configured to blend said light provided by said first, second, and third illumination devices to provide the light of the third color.